

CLAIMS:

1. Leave-on composition for personal care comprising from 0.1 to 60 % by weight of at least one trimethylsilylalkyl-silsesquioxane of formula (1)



wherein Me is methyl, and R is a straight or branched alkyl group having from 6 to 18 carbon atoms and x is a number from 1 to 10.

2. Leave-on composition according to claim 1, characterized in that R in formula (1) is an alkyl group having from 6 to 14 carbon atoms.
3. Leave-on composition according to claim 2, characterized in that R in formula (1) is a n-octyl group.
4. Leave-on composition according to claim 1, characterized in that x in formula (1) is a number from 1 to 4.
5. Leave-on composition according to claim 4, characterized in that x in formula (1) is equal 1.
6. Leave-on composition according to claim 1, characterized in that the trimethyl-silylalkylsilsesquioxanes of formula (1) are substantially free of alkoxy silanes, chlorosilanes, silanol functionalities and organic and/or inorganic compounds.
7. Leave-on composition according to claim 6, characterized in that the trimethyl-silylalkylsilsesquioxanes of formula (1) contain less than 3 % by weight, more preferred less than 1 % by weight, of alkoxy silanes, chlorosilanes, silanol functionalities and organic and/or inorganic compounds.

8. Leave-on compositions according to claim 1, characterized in that they comprise from 0.5 % to 10 % by weight, particularly preferred from 1 % to 5 % by weight, of trimethylsilylalkyl-silsesquioxanes of formula (1).
9. Leave-on composition according to anyone of claim 1 which is a topical skin care or a hair care product.
10. Leave-on compositions according to claim 1 which is an emulsion.
11. Leave-on composition according to claim 10, which is an oil-in-water emulsion.
12. Leave-on composition according to claim 10 which is a microemulsion.
13. Leave-on composition according to claim 10 which is a triple emulsion.
14. Process for increasing the gloss and sheen of hair, wherein said process comprises applying an effective amount of a leave-on composition comprising from 0.1 to 60 % by weight of at least one trimethylsilylalkylsilsesquioxane of formula (1)



wherein Me is methyl, and R is a straight or branched alkyl group having from 6 to 18 carbon atoms and x is a number from 1 to 10, to said hair.

15. Process for increasing the emolliency of the skin, wherein said process comprises applying an effective amount of a leave-on composition comprising from 0.1 to 60 % by weight of at least one trimethylsilylalkylsilsesquioxane of formula (1)

$\text{Me}_3\text{SiO}-[\text{Si}(\text{R})(\text{Me}_3\text{SiO})\text{O}]_x-\text{SiMe}_3$  (1),

wherein Me is methyl, and R is a straight or branched alkyl group having from 6 to 18 carbon atoms and x is a number from 1 to 10, to said skin.

16. Process for increasing the water repellency of the skin, wherein said process comprises applying an effective amount of a leave-on composition comprising from 0.1 to 60 % by weight of at least one trimethylsilylalkylsilsesquioxane of formula (1)

$\text{Me}_3\text{SiO}-[\text{Si}(\text{R})(\text{Me}_3\text{SiO})\text{O}]_x-\text{SiMe}_3$  (1),

wherein Me is methyl, and R is a straight or branched alkyl group having from 6 to 18 carbon atoms and x is a number from 1 to 10, to said skin.

17. Process according to claim 14, wherein said leave-on composition is an emulsion.

*Add A27*